

October 2004

VEHICLE FLEET

FLEET REPORT

Nevada Highway Patrol

Lt. Bill Bainter

Overview

Monthly Shop Report for Reno:

During the month of October, the Reno maintenance facility was busy cleaning the yard and disposing excessed equipment to State Purchasing. In addition, old tires were picked up by Goodyear and disposed.

The Reno maintenance facility completed the unmarked ADAPT pick up that is used to target drivers who are committing hazardous violations and driving aggressively. The ADAPT vehicle was equipped with 20 inch aluminum wheels, hyper tech reprogramming, B3 moving radar, DocuCam camera, LED lighting, dual exhaust and tinted windows. NHP fleet received positive comments from the public as well as the trooper who have operated the pickup during ADAPT assignments.

There is a new recall campaign on the Chevrolet pickups that is replacing defective tailgate support cables. The Reno maintenance facility completed two Silverado pickups during the month of October.

There was one Ford Crown Victoria transmission failure during the month of October that was covered under factory warranty (2004 vehicle).

The Reno maintenance facility has been installing new heat shields on the Chevrolet Impala cooling fans. This change was recommended by the dealership and should prevent cooling fan failures on the 2001 and 2002 Impalas. This repair is not covered under factory warranty and costs \$350.00 per vehicles.

The Reno maintenance facility is reporting alternator failures on the 2003 Ford Crown Victoria's. The 2003 Ford Crown Victoria's are equipped with 130 amp alternators and Ford fleet is recommending a 200 amp replacement to correct the problem. Reno installed one alternator and will replace the remaining 2003 Ford Crown alternators as failures occur.

Monthly Shop Report for Elko:

The Elko maintenance facility reported two Ford Crown Victoria transmission failures during the month of October. The first transmission failure was not covered under factory warranty and was repaired by the NHP mechanics. The cost was \$1,400.00. The second transmission was replaced at the Ford Dealer and was covered under extended warranty.

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The Elko maintenance facility reported two alternator failures with the 2003 Ford Crown Victoria's. These alternators were upgraded to 200 amps .

The Elko maintenance facility installed 66 snow tires during the month of October.

The Elko maintenance facility reported one transmission failure on a Chevrolet 1500 pickup that was not covered under factory warranty. The repair cost was approximately \$3,400.00.

Monthly Shop Report for Las Vegas:

The Las Vegas maintenance facility reported numerous alternator failures on the 2003 Ford Crown Police Interceptors. The alternator failure rate in Las Vegas is significantly higher than other regions due to the high temperatures. The high temperatures is causing the alternators to overheat and melt the stators. The Las Vegas shop is in the process of replacing all 2003 Ford Crown Victoria's with the 200 amp upgrade. The Ford Dealership is currently negotiating an extended warranty for these defective parts.

The Las Vegas maintenance facility installed test tires on eighteen Commercial Trucks. These tires were provided by Michelin Tire Company at \$25.00 per tire. It is estimated that the test tires should last the remaining life of these vehicles.

NHP Vehicle Fleet ordered 16 toneau covers for the commercial pickups. The toneau covers will replace the camper shells that have caused structure problems with the pickup beds. The toneau covers are expected to arrive late November.

Todd Schacht (Equipment Mechanic II) was transferred from Las Vegas to Reno. This transfer has created an opening in the Las Vegas Shop for an Equipment Mechanic II position. Interviews will begin in November.

The Las Vegas Radio Shop is in the process of installing 800 MHz radios in all the Motorcycles in Las Vegas.

Monthly Shop Statistics

Overtime worked for October 2004:

| | | |
|------------------|------------------|-----------------------|
| <u>Reno Shop</u> | <u>Elko Shop</u> | <u>Las Vegas Shop</u> |
| 5.5 hours | 10 Hours | 49.5 hours |

Overtime Justification:

Reno: 3.5 hours new vehicle build
2.0 call out

Elko: 10 hours Shop coverage

Las Vegas:

8.0 hours building new and stripping vehicles
20.5 hours coverage
11.0 hours call out

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Repairs completed October 2004:

| <u>Reno Shop</u> | <u>Elko Shop</u> | <u>Las Vegas Shop</u> |
|--|------------------------------|------------------------------|
| 54 PM Services 124 Repairs | 40 PM Services 72 Repairs | 41 PM Services 80 Repairs |
| Totals: <u>178</u> | <u>112</u> | <u>121</u> |
| Total Statewide services and repairs: 411 | | |

Note: PM stands for preventative maintenance services

F/Y 2005 Fleet Vehicle Orders:

| F/Y 2005 | Ford Crowns | Expeditions | Durango's |
|----------|-------------|-------------|-----------|
| | <u>53</u> | <u>8</u> | <u>4</u> |

Vehicle delivery expected January 15, 2005.

The Durango's, Ford Expeditions and the Ford Crown Victoria Police Interceptors were crash tested by NHTSA and all three vehicles received a **Five Star** Crash Rating*.

*source <http://nhtsa.dot.gov>

*<http://automotivedigest.com>

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Current Fleet Test Programs

| | | |
|--|----------|------------------|
| Delco-Delphi Batteries | 17 units | Las Vegas |
| Michelin Tires | 25 units | Las Vegas |
| Michelin Tires Commercial Enforcement | 18 units | Las Vegas |
| Whelen CenCom Siren Controller | 3 units | Reno |
| | 2 units | Elko |
| | 5 units | Las Vegas |
| Infineum Test Oil | 16 units | Elko |
| | 7 units | Reno |
| | 17 units | Las Vegas |
| Code Three LED Overhead Light Bars | 6 units | Elko |
| | 6 units | Reno |
| | 3 units | Las Vegas |
| DVD Digital In-Car Video System | 1 unit | Reno |
| Dodge Durango | 1 unit | Reno |
| | 2 units | Elko |
| | 1 unit | Las Vegas |
| Rollgard Suspension System | 2 units | (Pending) |

All parts, oil and equipment testing is furnished at no cost to the Division for Infineum Oil testing. Initial field test reports on the LED overhead light bars have rated the equipment as exceptional. The DVD digital in-car video reports have been rated excellent.

The Durango test program has had very favorable results at the present time. Whelen CenCom Siren Controllers reports very favorable results.

Windshield Damage Report:

| | <u>Unit</u> | <u>Amount</u> |
|---------------------------|-------------|----------------|
| F/Y 2005 (October) | | |
| Southern Command | 2 | open |
| Northern Command | 1 | open |
| Central Command | 0 | open |
| Total | <u>3</u> | <u>pending</u> |

Accident Damage Report:

| | <u>Units Damaged</u> |
|---------------------------|----------------------|
| F/Y 2005 (October) | |
| Southern Command | 2 (0 trooper fault) |
| Northern Command | 2 (0 trooper fault) |
| Central Command | 0 (0 trooper fault) |
| Total | <u>4</u> |

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October Crash Fund Balance: \$ 62,690.88

Auction Proceeds from October 16, 2004: \$ 94,760.00
(Reimbursement to the Highway Fund from Auction Proceeds)

Fuel Data Charts for NDOT, Western Energetix, Chevron, Union and Texaco:

N-DOT Monthly Fuel Data

4713-04

NDOT GAS

| DATE | MONTH OF BILL | BILLING CLAIM # | AMOUNT | GALLONS OF GAS | AVERAGE COST PER GALLON |
|--------------|---------------|-----------------|----------------------|------------------|-------------------------|
| 7/31/04 | July | | \$ 84,085.64 | 44903.9 | \$ 1.84 |
| 8/31/04 | August | | \$ 85,682.99 | 46656.8 | \$ 1.84 |
| 9/30/04 | Sept. | | \$ 87,677.00 | 48245.8 | \$ 1.82 |
| 10/30/04 | Oct | | \$ 80,199.50 | 41843.8 | \$ 1.92 |
| | Nov | | | | |
| | Dec | | | | |
| | Jan | | | | |
| | Feb | | | | |
| | Mar | | | | |
| | April | | | | |
| | May | | | | |
| | June | | | | |
| | July | | | | |
| Total | | | \$ 337,645.13 | 181,650.3 | \$1.88 |

Western Energetix Monthly Fuel Data:

| DATE | WESTERN ENERGETIX | GAL | DATE | GAL | CHEVRON |
|--------------|---------------------|---------------|--------------|---------------|--------------------|
| 7/31/04 | \$ 5,370.85 | \$1.77 | 7/31/04 | \$1.89 | \$ 2,774.00 |
| 8/31/04 | \$ 5,060.56 | \$1.81 | 8/31/04 | \$2.59 | \$ 1,565.85 |
| 9/30/04 | \$ 5,588.11 | \$1.86 | 9/30/04 | \$2.80 | \$ 2,384.58 |
| 10/30/04 | \$ 4,044.93 | \$1.96 | 10/30/04 | \$2.80 | \$ 1,726.14 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| TOTAL | \$ 20,064.45 | \$1.82 | TOTAL | \$2.43 | \$ 8,450.57 |

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Conoco/76 Monthly Fuel Data:

| FUEL REPORTS | | | | |
|--------------|-----------------|--|--------------|--|
| Conoco/76 | | | | |
| 10/30/04 | \$ 26.88 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | \$ 26.88 | | TOTAL | |

Fuel Totals:

| | |
|-----------------------------------|--------------------------|
| N-DOT | \$ 337,645.13 |
| Western Energetix | 20,064.45 |
| Conoco/76 | 26.88 |
| Chevron | \$ 8,450.57 |
| | <hr/> |
| | \$ 366,187.03 |
| Fuel Budgeted for FY05 | \$ 789,977.00 |

For fiscal year 2005, NHP was budgeted **\$789,977** for fuel at **\$1.21** per gallon.

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| FLEET INVENTORY | | | | |
|--------------------------------|--|----|----------------------------|----|
| Northern Command by Department | | | | |
| DEPARTMENT | | | Units over 80,000 miles | |
| Traffic | | 96 | | 11 |
| COMMERCIAL | | 18 | | 0 |
| ADAPT | | 4 | | 0 |
| ACADEMY | | 8 | | 4 |
| UNASSIGNED | | 24 | | 5 |
| CVSI | | 3 | | 0 |
| LOANER | | 7 | | 1 |
| RADIO SHOP | | 2 | | 0 |
| RECONSTRUCTION | | 1 | | 0 |
| SHOP TRUCK | | 1 | | 0 |
| SPARE | | 7 | | 2 |
| ADMINISTRATIVE | | 0 | | 0 |
| STORE KEEPER | | 1 | | 1 |
| STRIP FOR TURN IN | | 19 | | 19 |
| GOV DETAIL | | 3 | | 2 |
| TAXI | | 3 | | 1 |
| MOTORHOME | | 1 | | |
| MOTORS | | 13 | 3 units over 50,000 | |
| MCSAP | | 3 | | 0 |
| TRAILERS | | 11 | | 0 |
| OUT OF SERVICE | | 2 | | 0 |
| PLANE | | 1 | | 0 |
| Units Exceeded | | 7 | | 7 |

| FLEET INVENTORY | | | |
|-------------------------|--------------------|----------------------|--|
| CENTRAL COMMAND | | | |
| DEPARTMENT | NUMBER VEHICLES | OVER 80,000 MILES | |
| Traffic | 68 | 15 | |
| COMMERCIAL | 11 | 2 | |
| UNASSIGNED | 6 | 1 | |
| ADAPT | 1 | 1 | |
| CVSI | 2 | 0 | |
| LOANERS | 5 | 4 | |
| RADIO SHOP | 1 | 0 | |
| RECONSTRUCTION TRUCK | 1 | 0 | |
| SHOP TRUCK | 1 | 0 | |
| SPARE | 2 | 1 | |
| ADMINISTRATIVE EVIDENCE | 1 | 0 | |
| STRIP FOR TURN IN | 7 | 7 | |
| TAXI | 2 | 2 | |
| TRAILERS | 11 | 0 | |
| MOTORHOME | 1 | 0 | |
| Units Exceeded | 2 | 2 | |
| | | | |

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| FLEET INVENTORY | | | | |
|--------------------------------|--|--|--------------------|-------------------------|
| Southern Command by Department | | | | |
| DEPARTMENT | | | NUMBER VEHICLES | OVER 80,000 MILES |
| TRAFFIC | | | 119 | 31 |
| COMMERICAL | | | 18 | 2 |
| UNASSIGNED | | | 30 | 2 |
| CVSI | | | 4 | 0 |
| LOANER | | | 8 | 6 |
| RADIO SHOP | | | 3 | 0 |
| RECONSTRUCTION | | | 1 | 0 |
| SHOP TRUCK | | | 1 | 0 |
| SPARE | | | 0 | 0 |
| ADMINISTRATIVE Evidence | | | 1 | 0 |
| STORE KEEPER | | | 1 | 0 |
| STRIP FOR TURN IN | | | 12 | 12 |
| GOV DETAIL | | | 1 | 0 |
| TAXI | | | 4 | 3 |
| MOTORHOME | | | 1 | 0 |
| MOTORS | | | 10 | 0 |
| MCSAP | | | 1 | 0 |
| TRAILERS | | | 12 | 0 |
| EXCESSED | | | 4 | 0 |

